

Parts List:

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|----|------|--|
| | 1. | Computed Tomography imaging system |
| | 2. | Gantry |
| | 4. | X-ray source |
| 5 | 6. | Radiation detection apparatus |
| | 8. | Patient support structure |
| | 10. | Patient cavity |
| | 12. | X-ray emitter |
| | 16. | First radiation detector |
| 10 | 18. | Second radiation detector |
| | 20. | Control mechanism |
| | 22. | X-ray controller |
| | 24. | Gantry motor controller |
| | 26. | Data acquisition system (DAS) |
| 15 | 28. | Image reconstruction device |
| | 30. | Data storage device |
| | 32. | Computer |
| | 34. | Input device |
| | 36. | Display |
| 20 | 38. | Table controller |
| | 40. | Patient |
| | 42. | X-ray beam |
| | 100. | CT detector module |
| | 101 | first end of 100 |
| 25 | 102 | second end of 100 |
| | 110. | High voltage electrode |
| | 120. | Support |
| | 140. | Connector |
| | 150. | Direct conversion material |
| 30 | 160. | Substrate |
| | 170. | Application-Specific Integrated Circuits (ASICs) |
| | 180. | Bottom graphite layer |
| | 190. | Top graphite layer |
| | 200. | CT detector module |
| 35 | 201. | First end of 200 |
| | 202. | Second end of 200 |
| | 210. | High voltage electrode |
| | 220. | First end support |
| | 230. | Second end support |
| 40 | 240. | End block connector |
| | 250. | Direct conversion material |
| | 260. | Substrate |
| | 270. | ASICs |

- 280. Bottom graphite layer
- 290. Top graphite layer